

Technical Product Data Sheet

volzElektro 11597



volzElektro 11597 is manufactured from PET Film / staggered mesh glass filament film coated acrylic adhesive. With high adhesion and breaking strength. Especially suited for heavy duty air and oil filed transfer applications, Reinforcements, holding and separating ground insulation. Excellent heat resistance up to 155°C. Its flexible fibres provide a very good longitudinal and transverse tensile strength including resistance against tearing and breaking when bent.

Nominal Values

Backing PET Film, Glass Filament

Backing Thickness 0,110 mm

> **Adhesive Type** Acrylic

Total Thickness 0,180 mm

Insulation Class F 155°C (DIN EN 60085, OANZ2 & OANZ8)

> Color Clear (00)

Adhesion to Steel 9,80 N/25 mm

Tensile Strength 980,00 N/25 mm

Elongation at Break 12%

Dielectric Strength 6500 V

Temperature Resistance -20°C to +155°C

> **UL-File #** E338128

Length 55 m, other lengths upon request

6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 975 Width

mm, other widths upon request

Storage Life The material can be stored at room temperature for at least 12 months.

Effective 11 February 2021





DE-79227 Schallstadt













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Applications

- Suited for heavy duty air and oil filled transfer applications
- Reinforcements, holding and separating ground insulation
- Slot edging
- Bundling motor and transformer coils

Benefits

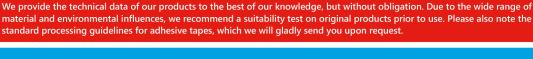
- High Adhesion and Tear Strength
- Holding and separating ground insulation
- Excellent Heat Resistance up to 155°C
- Good Oil Resistance

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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